Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 29 Jun 2021 until 23:59 on Wednesday 30 Jun 2021

Forecast Issued on Tuesday 29 Jun 2021 at 03:49

Confidence: High for a mainly dry period, with some good spells of afternoon sunshine, but also rather cloudy overnight and mornings. Low confidence for details by Saturday.

Headline for Tuesday 29 Jun 2021: Dry, with early cloud breaking to long periods of warm sunshine.

Mountain weather hazards on Tuesday 29 Jun 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Sunny	Sunny	Sunny intervals	Cloudy
Precipitation probability					
<05%	<05%	<05%	<05%	10%	10%

Forecast for Tuesday 29 Jun 2021

Weather: A dry, but mostly cloudy start to the morning. Warm sunny spells developing with time, becoming prolonged during the afternoon and remaining dry with light winds. Cloud then spreading southwestwards after dark, obscuring many tops.

Chance of cloud free mountain/hill tops above 600m: Greater than 90%. Falling to 20% late evening.

Visibility: Generally very good visibility of distant peaks throughout the day. Extensive low cloud likely obscuring tops above 400m after dark.

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Mountain Weather Forecast

Forecast for Tuesday 29 Jun 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/9 NE	9/12 NE	12/17 NE	11/16 NE	10/15 NE	9/12 NE	9/12 NE
300	5/10 N	5/10 NE	9/16 NE	9/16 NE	8/14 NE	5/12 NE	6/14 NE
Valley	1/3 N	3/7 N	6/13 NE	7/14 NE	6/12 NE	6/12 E	7/14 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/11	14/12	16/14	17/14	15/13	11/10	9/7
300	14/14	17/17	20/18	20/18	18/17	13/12	11/10
Valley	14/14	19/19	22/21	22/21	21/20	16/15	13/12
Freezing Level*	2500m	2300m	2400m	2400m	2600m	2600m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Once early cloud clears, a fine day is expected, with lengthy spells of sunshine. Sun protection will likely be needed by the afternoon. Visibility becoming poor for any late descents however, as cloud thickens after dark.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 29 Jun 2021	0.8mm	0.8mm	0.8mm

Forecast for Wednesday 30 Jun 2021

Weather: A grey, and dull start with hills obscured with cloud, along with a few outbreaks of drizzle. This lifting and clearing through the morning to a largely sunny afternoon with light winds. Some cloud returning from the northeast around midnight.

Maximum wind: Northeasterly 15-20mph.

Chance of cloud free mountain/hill tops above 600m: 20% during the morning, improving to greater than 90% by mid-afternoon.

Visibility: Best of the viewing conditions will be during the afternoon, with cloud breaking and distant hills visible. During the morning, cloud on summits above 400m will limit any views, along with any early drizzle also reducing visibility.

Temperature: **Valleys:** Plus 8 Celsius rising to Plus 19 Celsius
At 600m: Plus 6 Celsius rising to Plus 14 Celsius
Freezing level: Above summits.

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